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applying at least one liquid resin layer to said uncured solid film using a resin molding process, said at least one solid film preventing said at least one liquid resin layer from penetrating said hollow core base.

18. A method of producing a hollow core composite assembly as described in claim 17, further comprising:

laying up dry at least one dry face ply on top of the solid film;
applying liquid resin to said at least one dry face ply; and
curing the hollow core composite assembly.

19. A method of producing a hollow core composite assembly as described in claim 18, further comprising:

curing said uncured solid film to said open core surface by said applying at least one liquid resin layer.

Please kindly cancel claim 20.

Please replace claims 21 and 22 with the following:

21. (Amended) A method of producing a hollow core composite assembly as described in claim 17, wherein said applying at least one liquid resin layer is accomplished utilizing a resin transfer molding process.

22. (Amended) A method of producing a hollow core composite assembly as described in claim 17, wherein said applying at least one liquid resin layer is accomplished utilizing a vacuum assisted resin transfer molding process.

Please add new claims 23-28 as follows:

23. (New) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises polyetherketoneketone.

24. (New) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises a polysulfone film.

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25. (New) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises polyethyleneterephthalate.

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26. (New) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film comprises a thermoplastic material.

27. (New) A method of producing a hollow core composite assembly as described in claim 17, wherein said uncured solid film is chosen from the group of nylon, metal foils, thermoset film material, and urethane film materials.

28. (New) A method of producing a hollow core composite assembly as described in claim 17, further comprising:

applying an outer film adhesive to an outer surface of said uncured solid film.
